

BOM Parts List for E27 7W 220Vac Design

REF DES	Part Number	MFR	Description
BD100	B6S	PANJIT	Dio Bridge 600V 0.5A MDI
D100/D530	US1006FL	PANJIT	Dio Ultra Fast 600V 1A SOD-123
D500	US1008FL	PANJIT	Dio Ultra Fast 800V 1A SOD-123
D503	US1002FL	PANJIT	Dio Ultra Fast 200V 1A SOD-123
D550	BR220	PANJIT	Dio Schottky 200V 2A SMA
ZD501	BZD27C15P	PANJIT	Dio Zener 15V 0.8W SOD-123
ZD538	MMSZ5239B	PANJIT	Dio Zener 9.5V 0.5W SOD-123
D502/D542/D504	1N4148	PANJIT	Dio 100V 0.2W SOD-323
IC500	SN09001026	TI	IC Green-Mode Flyback Controller
IC501	TL103WA	TI	IC
Q500	SPU02N60C3	INFINEON	MosFet 600V 2A TO-251
C001			Cap 0.047uF 275V
C100			Cap 0.022uF 450V
C101			Cap 0.022uF 630V
C501			Cap 1kpF 1kV 1206
C505			Cap 0.022uF 25V X7R 0603
C503/C534			Cap 0.22uF 25V X7R 0603
C511			Cap 1uF 16V X7R 0603
C530			Cap 0.047uF 630V X7R 1210
C502/C507/C506/C553			Cap 10uF 25V 1210
C504			Cap Y1 2200pF
C002			Cap 0.047uF 450V Film
C542/C538			Cap 2.2uF 25V X7R 0805
C554			Cap 1000uF 25V 8*31.5
R514			Res 7.15k 0603
R513			Res 71.5k 0603
R512			Res 43.2k 0603
R511			Res 75k 0603
R539			Res 680k 0603
R510			Res 147k 0603
R504			Res 10 ohm 0805
R505			Res 2.2 ohm 0805
R501/R502/R503			Res 1M 1206
R500/R506			Res 470k 1206
R007/R008/R001/R004			Res 300 ohm 1206
R531/R532/R533			Res 1M ohm 1206
R546/R547/R548			Res 1M ohm 1206
R534			Res 18.7k 0603
R535			Res 82.5k 0603
R530/R540/R544			Res 10k 0603
R542			Res 20k 0604
R549			Res 47.5k 0603
R541			Res 25.5k 0603
R538			Res 28k 0603
R537			Res 7.15k 0603
R545			Res 2.49k 0603
R006			Res 620 ohm 1W
R560			Res 121k 0603
VR501			Res 10k ohm
L100		AXIS	22mH
T500		TRANSMORE	250uH
PCB			

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